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1: /cgn2_6/ptodata/2/pubpaa/USO7_PUBCOMB.pep:*

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

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Sequence 3, Appli	Sequence 9, Appli	Sequence 5, Appli	Sequence 45, Appl	Sequence 3, Appli	Sequence 27, Appl	Sequence 60, Appl	Sequence 124, App	Sequence 124, App	Sequence 2, Appli	Sequence 1, Appli	Description

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US-09-928-958-3

US-09-170-7548-5

US-09-411-706-1

US-09-421-706-1

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US-09-230-548-23

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US-09-258-852-3

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RESULT 1 US-08-928-958-24

Sequence 24, Appli Patent No. 5877282 GENERAL INFORMATION:

Application US/08928958

STEVEN G.

JEFFREY S.

APPLICANT: NADLER, STEVEN G.
APPLICANT: CLEAVELAND, JEFFF
APPLICANT: BLAKE, JAMES
APPLICANT: HAFFAR, OMAR K.
TITLE OF INVENTION: TRANSLOC
TITLE OF INVENTION: METHODS

PEPTIDE INHIBITORS OF NUCLEAR PROTEIN
TRANSLOCATION HAVING NUCLEAR LOCALIZATION SEQUENCES AND
METHODS OF USE THEREOF

NUMBER OF SEQUENCES: 2
CORRESPONDENCE ADDRESS:

; TOPOLOGY: linear; MOLECULE TYPE: peptide US-08-928-958-24 TELEPAX: (650) 325-7823
INFORMATION FOR SEQ ID NO: 24
SEQUENCE CHARACTERISTICS:
LENGTH: 29 amino acids
TYPE: amino acid
STFANDENNESS: single COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC Compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/928,958
FILING DATE: 12-SEP-1997
CLASSIFICATION: 514
PRICEXTION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION DATA:
APPLICATION THREE: US 60/026978
FILING DATE: 20-SEP-1996
ATTORNEY/AGENT INFORMATION:
NAME: ROBINS, ROBERTA L.
RROISFWARTON NUMBER: 13-06 Query Match Best Local Similarity REGISTRATION NUMBER: 33,208
REFERENCE/DOCKET NUMBER: 5998-0019
TELECOMMUNICATION INFORMATION:
TELEPHONE: (650) 325-7812 COUNTRY: U CITY: MENLO PARK STATE: CA ADDRESSEE: STREET: 90 90 MIDDLEFIELD USA ROBINS & ASSOCIATES 90.0%; ROAD, Score 80; Pred. No. SUITE Length 29;

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fibroblast growth factor 4 - bovine

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ALIGNMENTS

S fibroblast growth factor 4 - human

NAIternate names: heparin secretory transforming protein 1; Kaposi sarcoma oncogene;
C;Species: Homo sapiens (man)
C;Date: 31-Mar-1989 #sequence revision 31-Mar-1989 #text_change 09-Jul-2004
C;Accession: A28417; A29876; A29649
R;Yoshida, T.; Miyagawa, K.; Odagiri, H.; Sakamoto, H.; Little, P.F.R.; Terada, M.; Su
Proc. Natl. Acad. Sci. U.S.A. 84, 7305-7309, 1987
A;Title: Genomic sequence of hst, a transforming gene encoding a protein homologous to
A;Reference number: A28417; MUID:88041096; PMID:2959959 밁 A;Gene: GDB:FGF4; HSTF1 A;Cross-references: GDB:120066; OMIM:164980 A;Map position: 11q13.3-11q13.3 A;Introns: 114/1; 148/3 A;Cross-references: GB:J02986; GB:M16338; NID:g184430; PIDN:AAB59555.1; PID:g386788 R;Delli Bovi, P.; Curatola, A.M.; Kern, F.G.; Greco, A.; Ittmann, M.; Basilico, C. Cell 50, 729-737, 1987 C; Keywords: growth factor; Kaposi sarcoma; transforming protein A; Title: An oncogene isolated by transfection of Kaposi's sarcoma DNA encodes a growth A; Reference number: A29649; MUID:87301716; PMID:2957062 A;Cross-references: UNIPROT:P08620; DDBJ:J02986; NID:g184430; PIDN:AAB59555.1; PID:g38 R;Taira, M.; Yoshida, T.; Miyagawa, K.; Sakamoto, H.; Terada, M.; Sugimura, T. Proc. Natl. Acad. Sci. U.S.A. 84, 2980-2984, 1987 A;Title: cDNA sequence of human transforming gene hat and identification of the coding A;Title: cDNA sequence of human transforming gene hat and identification of the coding A;Reference number: A29876; MUID:87204251; PMID:2953031 A;Cross-references: GB:M17446; NID:g186785; PIDN:AAA59473.1; PID:g307092 C;Comment: This protein is an oncogene for Kaposi's sarcoma. It is homologous to the m A; Molecule type: mRNA A; Residues: 1-206 < BOV> A;Accession: A29649 A;Residues: A; Accession: A29876 A; Molecule type: mRNA A; Molecule type: DNA A; Residues: 1-206 < YOS> Query Match Best Local S Matches 16 Superfamily: fibroblast growth factor ;Genetics: 5 AAVALLPAVLLALLAP 20 l Similarity 16; Conserv 1-206 <TAI> AAVALLPAVLLALLAP 22 Conservative 77.8%; Score 70; DB 1; Length 206; 100.0%; Pred. No. 0.0038; Live 0; Mismatches 0; Indels 0, Gaps 0

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SUMMARIES

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Adg28017	Adf78064	Adc22454	Abu09984	Aae33897	Abr84444	Abb82543	Aae23686	Abb81177	Abg75507	Aae26128	Aau78349	Aae15613	Aau10399	Abg78989	Aay72476	Aau03154	Aae11949	Aau97005	Aae02979
Kaposi PG	Human mem	Protein-d	Карові'в	Карові ' в	m	Signal se	Pluoresce	Signal se	Signal-se		Signal se	Kaposi's	Membrane	Cell pene	Kaposi fi	Peptide K	Membrane	CCAAT enh	Hydrophob

ALIGNMENTS

RESULT 1 AAE12478 ID AAE1 XSXEEE 07-FEB-2000; 2000US-0180823P. 22-FEB-2000; 2000US-0184057P. 06-FEB-2001; 2001WO-US003813. 09-AUG-2001. WO200157072-A2. Unidentified. Membrane transiting antiviral peptide bBB. 03-JAN-2002 (first entry) AAB12478; AAE12478 standard; peptide; 20 Modified-site Membrane transiting peptide; virucide; antiviral; Herpes Simplex Virus; HSV; HIV; Human Immunodeficiency Virus; CMV; cytomegalovirus. (WISC) WISCONSIN ALUMNI RES FOUND /note= "Biotin-aminohexanoyl Arg" Location/Qualifiers ₿

Brandt C,

Bultmann H;

WPI; 2001-638840/73.

Peptides comprising membrane transiting peptides useful for treating or preventing a virus infection, e.g., human immunodeficiency virus, herpes simplex virus and cytomegalovirus.

Claim 7; Page 15; 43pp; English.

The invention relates to peptides comprising membrane transiting peptides with antiviral properties. The peptides are useful for treating or preventing a virus infection in a warm blooded animal, e.g., enveloped viruses such as human immunodeficiency virus (HIV), herpes simplex virus (HSV), cytomegalovirus (CMV) and non-enveloped virus. Preferably, the peptides are useful for treating or preventing infections from one or more HSVs. The antiviral peptides are used for treating viral infections of the skin or part of the oral or genital cavity. The present sequence